BMW	SI B12 07 18 Engine Electrical Systems	October 2018 Technical Service

DME FC 1C0102 IS STORED WITH NO OTHER RELATED FAULTS

New information provided by this revision is preceded by this symbol **UPDATE!**.

This Service Information bulletin replaces SI B12 07 18 **dated February 2018**.

What's New:

• F39, F48, and G02 vehicles were added

• I-level information was updated in the cause, correction, and procedure

• Clearing fault memory was added to procedure and warranty information

UPDATE! MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31 (3 Series Sport Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
UPDATE! F39 (X2)	**UPDATE!** F48 (X1)	G01 (X3)	**UPDATE!** G02 (X4)
G12 (7 Series)	G30 (5 Series Sedan)	G32 (6 Series Gran Turismo)	

Produced with the B46O, B58M, or XB1H engine.

SITUATION

The following fault has been stored in the Digital Motor electronics (DME) fault memory with no other engine oil pressure faults stored:

- 1C0102 - oil pressure control, plausibility, static: Pressure too low

This fault will not cause a customer complaint or a Check Control Message (CCM). The fault is typically identified during unrelated diagnostics.

UPDATE! CAUSE

Software error in the Digital Motor Electronics (DME) may cause the fault code to be erroneously stored. Only Integration level **17-11-5xx** and higher are affected.

CORRECTION

For affected G01 and G02 vehicles:

• No changes are planned and the fault should be ignored.

For all affected vehicles except G01 and G02:

• This fault should be ignored until the release of **ISTA 4.14.1x.** After the release of **ISTA 4.14.1x,** the vehicle should be programmed.

PROCEDURE

For affected G01 and G02 vehicles:

1. If no other oil pressure faults are present the fault should be ignored.

2. Clear the fault from memory

For all affected vehicles except G01 and G02:

Prior to the release of **ISTA 4.14.1x**:

1. If no other oil pressure faults are present the fault should be ignored.

2. Clear the fault from fault memory

After the release of **ISTA 4.14.1x:**

1. Perform diagnosis with the latest version of ISTA Next.

2. Program the vehicle with **ISTA 4.14.1x** or higher

Note that ISTA Next will automatically reprogram and code all programmable control modules that do not have the latest software.

Always connect a BMW-approved battery charger/power supply (SI B04 23 10).

For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation.

UPDATE! WARRANTY INFORMATION

UPDATE! **Prior to the release of ISTA 4.14.1x**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	1141004500	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus

		work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And:		
61 00 980	Refer to KSD2	Continuing vehicle test and performing quick delete

Or:

After the release of ISTA 4.14.1x

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	**1141004500**	
Labor Operation:	**Labor Allowance:**	**Description:**
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as Charging battery)
And:		
61 00 730	Refer to KSD2	Program/encode control unit(s)

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

Vehicle Programming and Encoding

A. The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur "during" this programming procedure:

• Please claim this "consequential" control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

B. For control module failures that occurred "prior" to performing this programming procedure and/or other work/repairs that results from performing ISTA diagnostics and the related test plans:

• When "covered" under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in KSD2/AIR.

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